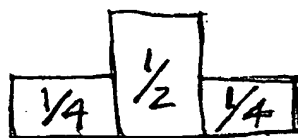
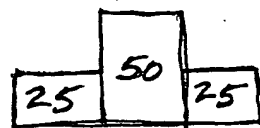


0992060-112101

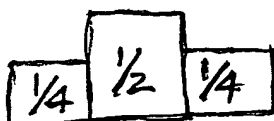


KERNEL



100 INPUTS

(a) TRADITIONAL FILTER

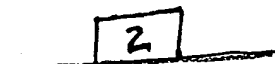


SHAPED PROBABILITY DENSITY
FUNCTION

1 INPUT



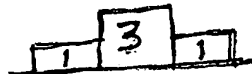
2 INPUTS



3 INPUTS



5 INPUTS



10 INPUTS



100 INPUTS



$\propto \frac{1}{4}, \frac{1}{2}, \frac{1}{4}$

(b) STATISTICAL FILTER

FIG. 1.

09992060.112101

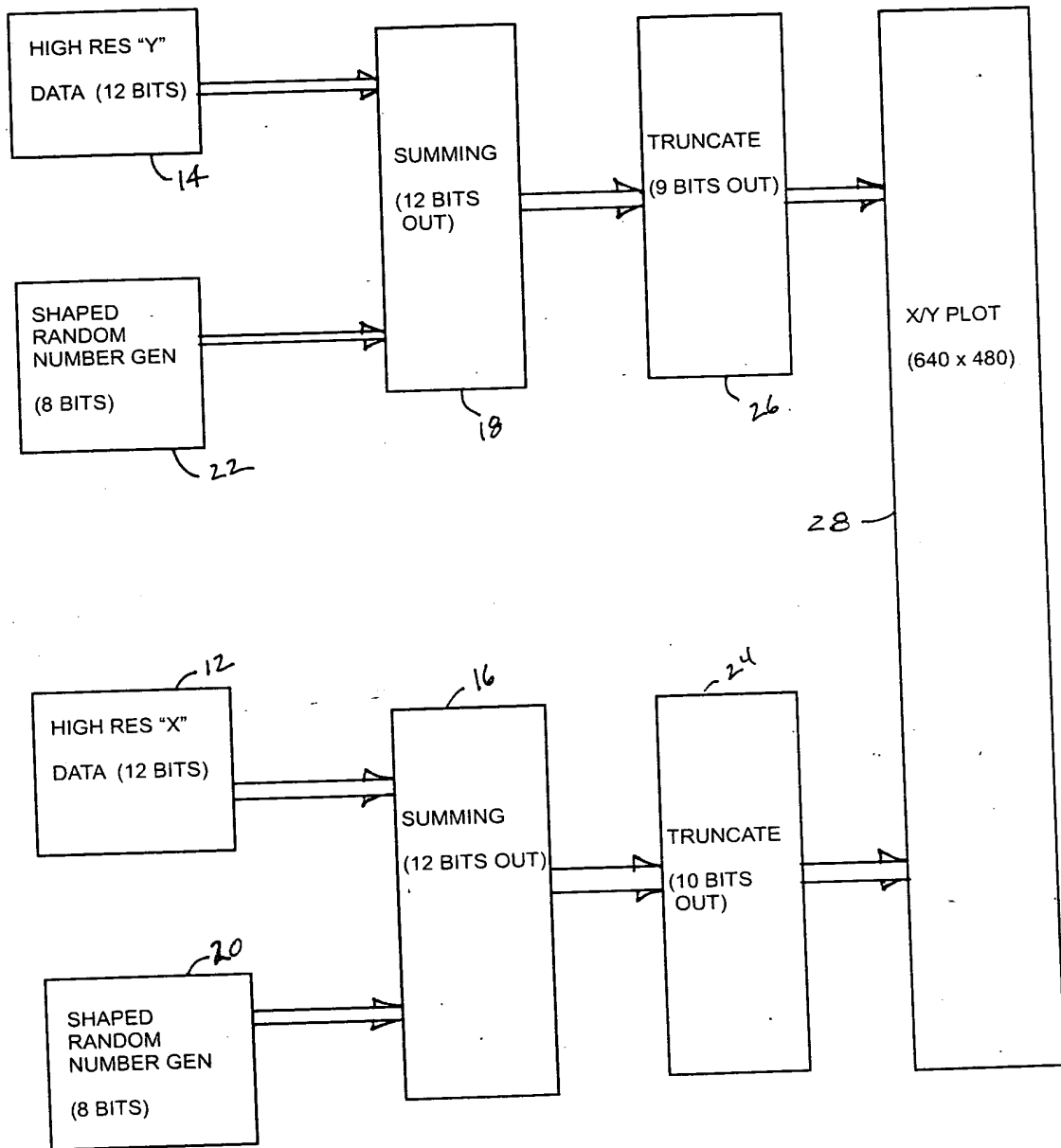


FIG. 2

09992060.112101

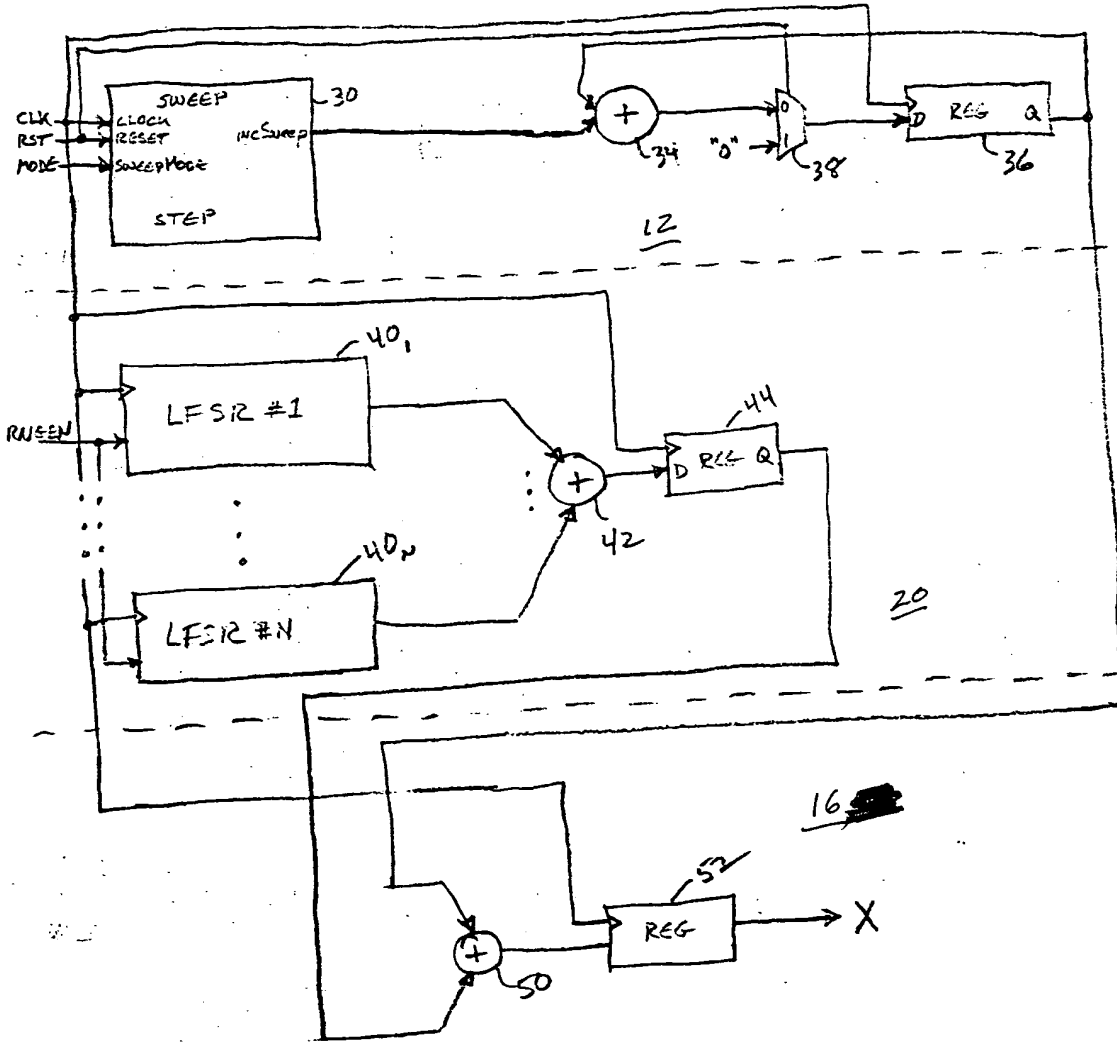
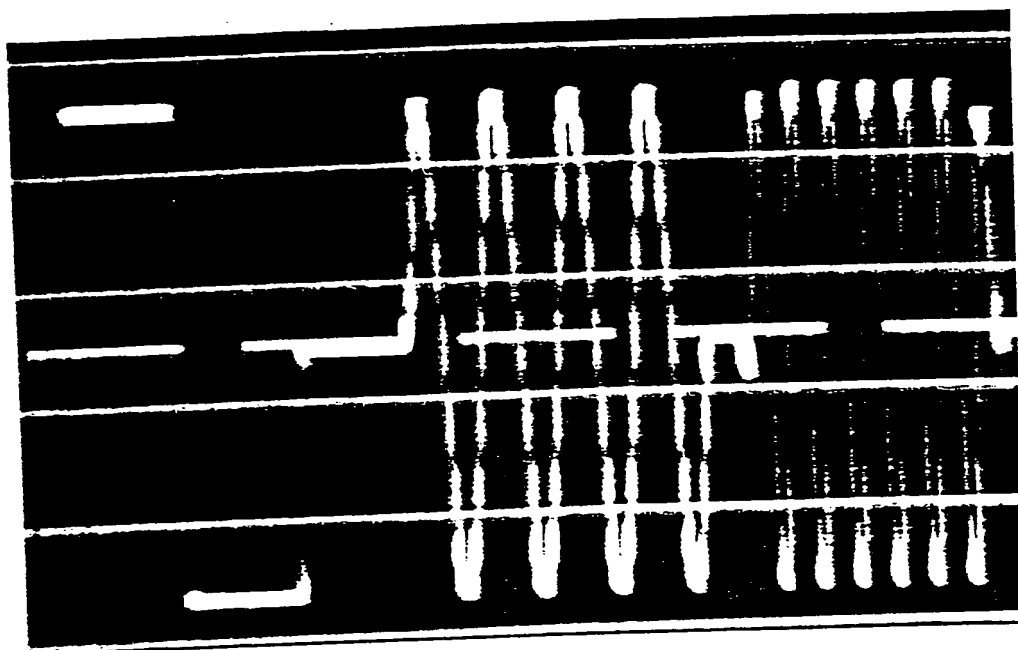


FIG. 3

09992060-112101

(a)



(b)

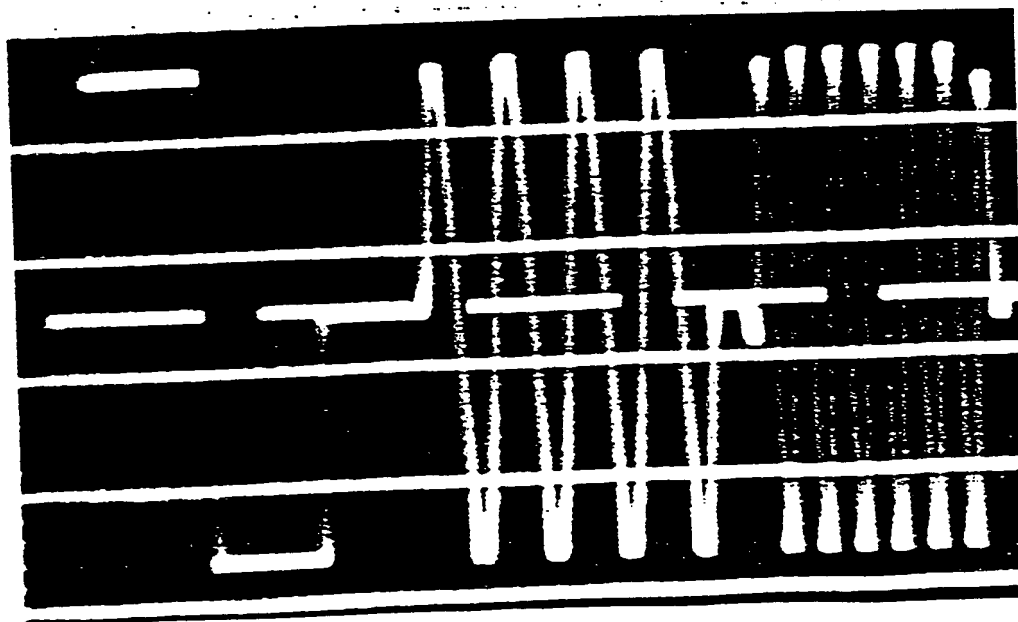


FIG. 4